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(54) **TERMINATION CLAMP ASSEMBLY FOR A
HYBRID ELECTRICAL/FIBER OPTIC
CABLE**

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(58) Field of Search **385/134, 137,
385/139**

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(57) **ABSTRACT**

A device for terminating a hybrid electrical/fiber optic cable at a connector comprising a clamp assembly affecting a swage lock on a k-tube to prevent movement of the k-tube within the connector and resultant damage to the optical fibers. The clamp assembly comprises two clamp halves, at least one of which includes a k-tube groove, one or more optical fiber grooves, a fan out cavity, and means for joining the clamp halves. When the clamp halves are joined, the k-tube grooves form an enclosed k-tube channel that is slightly smaller than the outside diameter of the k-tube, thereby creating a swage lock to prevent movement of the k-tube. Similarly, the optical fiber grooves create a swage lock on protective plastic tubes that are placed over the optical fibers as they exit and fan out from the k-tube in the fan out cavity.

10 Claims, 7 Drawing Sheets

